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I hereby certify that this Fec(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. Kathy Manke Avago Technologies Limited 4380 Ziegler Road Fort Collins, CO 80525 (Depositor's name) (Signature (Date) ATTORNEY DOCKET NO. CONFIRMATION NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. 10030689-1 1397 11/14/2003 Thomas A. Knotts 10/714,037 TITLE OF INVENTION: PROGRAMMABLE FREQUENCY DETECTOR FOR USE WITH A PHASE-LOCKED LOOP TOTAL FEE(S) DUE DATE DUE PREV. PAID ISSUE FEE PUBLICATION FEE DUE APPLN, TYPE SMALL ENTITY ISSUE FEE DUE \$0 \$1700 12/12/2007 \$1400 \$300 NO. nonprovisional ART UNIT CLASS-SUBCLASS EXAMINER BOLOURCHI, NADER 2611 375-376000 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Technologis Ceneral IP PTELTA Singapue Please check the appropriate assignce category or categories (will not be printed on the patent) : 🔲 Individual 🛱 Corporation or other private group entity 🚨 Government 4b. Payment of Fcc(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: A check is enclosed. 🔀 Issue Fee Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 1 (enclose an extra copy of this form). Advance Order - # of Copies

Authorized Signature Registration No. 2153 Typed or printed name This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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□ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. Sec 37 CFR 1.27.